United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505

DC

Reply To: 3410

Date: January 20, 1995

Dr. Marcus Cathey, Director
USDA National Arboretum
24th and R Streets, NE
Washington, DC 20002

Dear Dr. Cathey:

A summary of the 1983-1994 gypsy moth trapping program conducted at USDA National Aboretum and the Glenn Dale area is enclosed for your information (Table 1). Also enclosed are the maps showing trap locations (Figure 1 and 2).

In 1994, the average gypsy moth catch per trap increased by 39 percent at the National Arboretum, and decreased by 41 percent in the Glenn Dale area.

Egg mass surveys conducted at these sites also showed an increase in gypsy moth populations at the National Arboretum. These populations were primarily found in the Dogwood Circle area and averaged about 533 egg masses per acre. Although it's possible that some localized scattered light-moderate tree defoliation could occur, heavier wide spread defoliation is unlikely. Elsewhere at the Arboretum and Glen Dale area, no defoliation is anticipated. We will be working with Scot Aker to continue monitoring this building population.

Thank you for your continued cooperation and if you have any questions regarding this report, please call me at (304) 285-1556.

Sincerely,

Karen D. Felton

KAREN D. FELTON
Forestry Technician
Forest Health Protection

enclosures

cc: AO
Scott Aker, USDA National Arboretum

KDF/blm

Table 1.--Summary of the 1983-1994 gypsy moth trapping program at the USDA National Arboretum and Glen Dale Area.

USDA National Arboretum

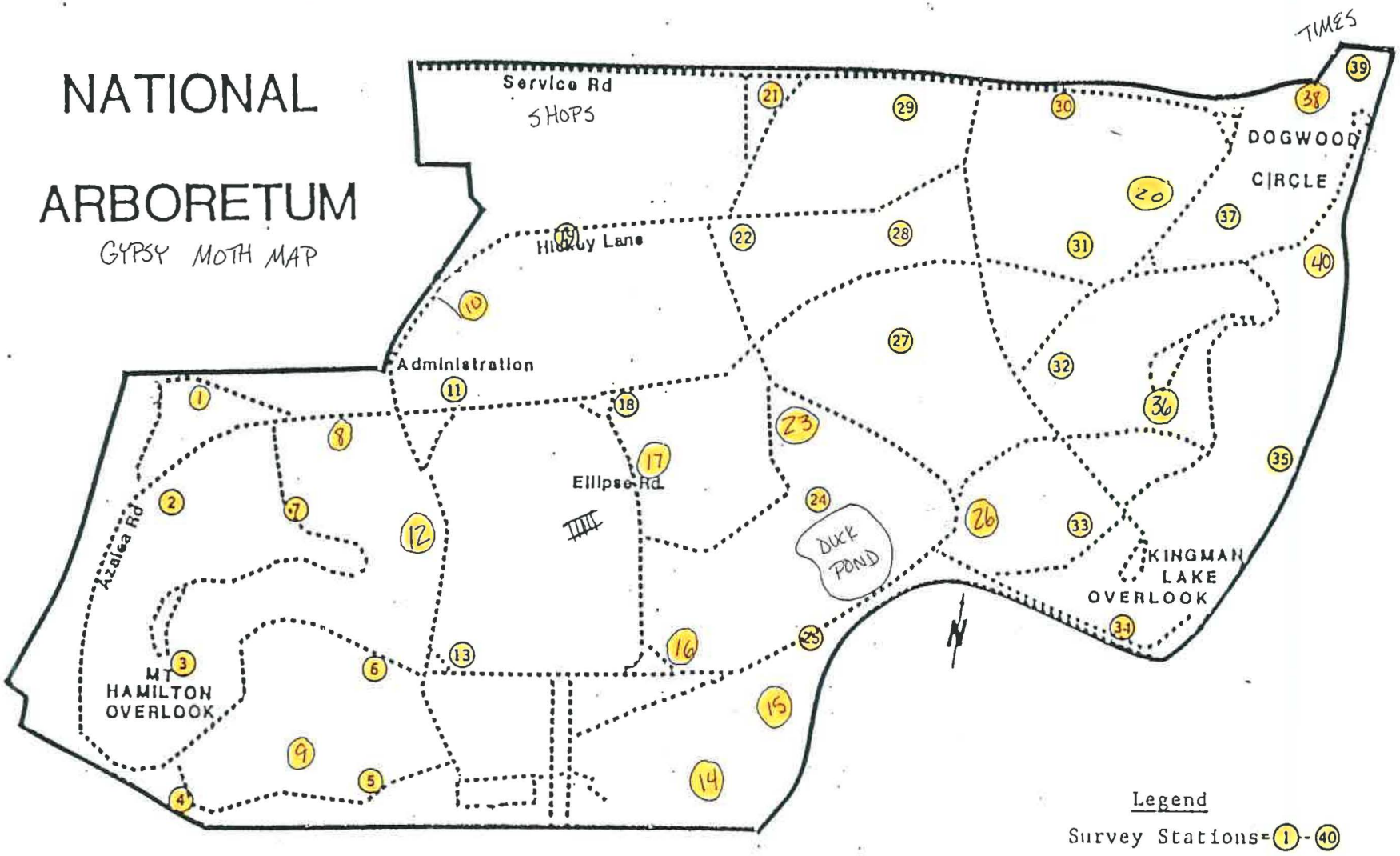
Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	5	534	All
1984	40	Unknown	?
1985	40	Unknown	?
1986	40	3,480	All
1987	40	9,800	All
1988	40	52,360	All
1989	45	Unknown	?
1990	40	Unknown	?
1991	40	26,995	All
1992	40	18,947	All
1993	40	29,606	All
1994	40	41,140	All

Glenn Dale

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1992	5	2,004	All
1993	4	1,596	All
1994	5	1,186	All

Figure 1.--1994 gypsy moth trap location.

U.S. Department of Agriculture



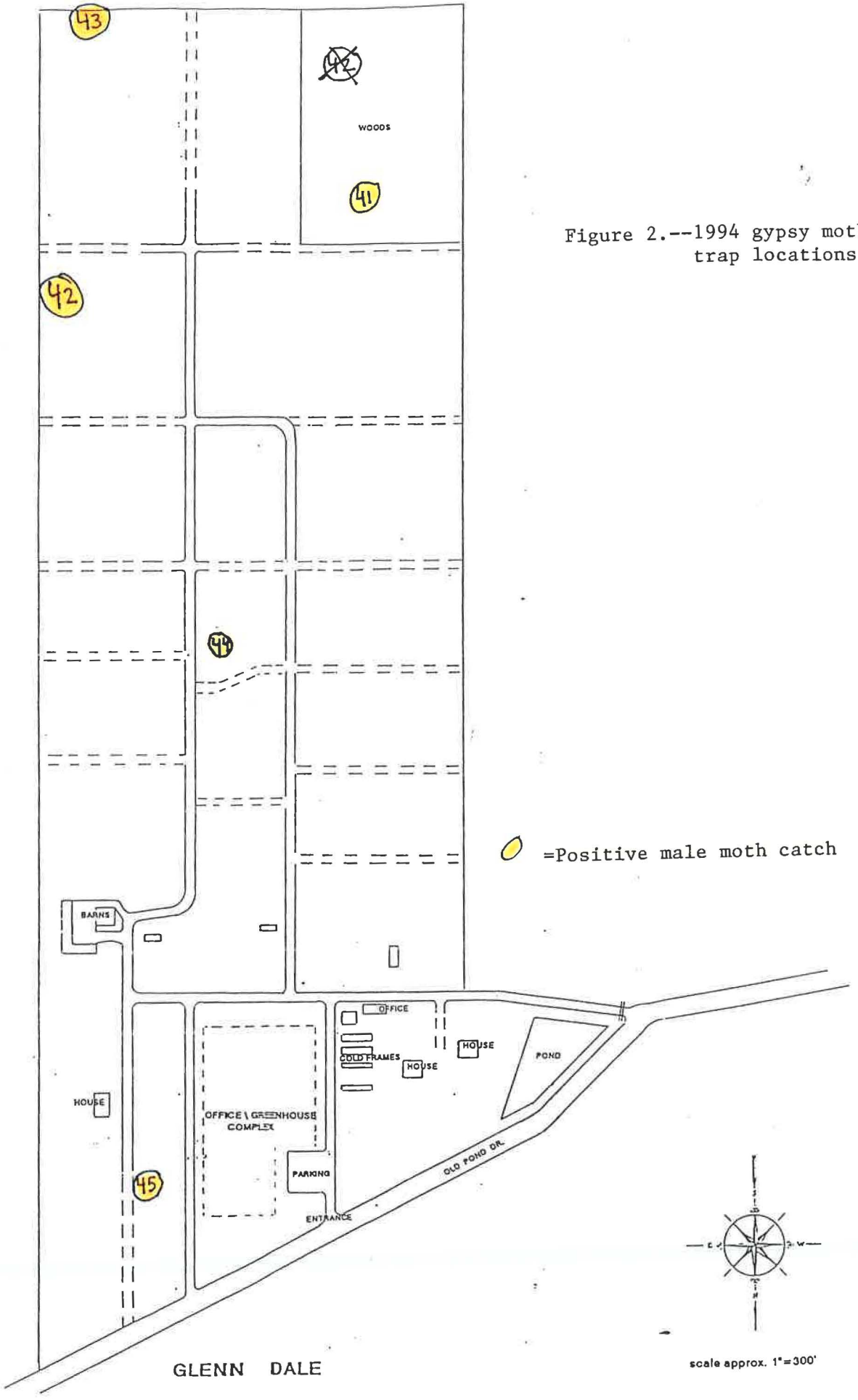


Figure 2.--1994 gypsy moth trap locations.